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Friction Mechanisms

Guest Editor:

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Deadline for manuscript submissions:
closed (31 October 2019)

Message from the Guest Editor

This Special Issue is aimed at further improving our understanding of the scale-dependence and the interplay of dissipation mechanisms. While the focus should lie on sliding or rolling contacts, systems may range from soft-matter systems, such as rubber moving past a rough surface to single-asperity metal on metal contacts. Theoretical, computational, and experimental submissions are welcome. This Special Issue will publish full research papers, communications, and review articles. Topics of interest generally include (but not limited to):

- Kinetic friction
- Plastic deformation
- Rubber friction
- Boundary lubricants
- Adhesive wear
- Multiscale modeling
- Multiphysics modeling

Prof. Martin H. Müser

Guest Editor